

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062119\  
 Data File : PL049770.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jun 2019 19:39  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 23:15:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|--------|
| -----                       |                 |       |       |         |          |         |        |
| System Monitoring Compounds |                 |       |       |         |          |         |        |
| 1)                          | SA Tetrachlo... | 3.323 | 3.935 | 574.6E6 | 153.2E6  | 50.951  | 50.044 |
| 28)                         | SA Decachlor... | 7.989 | 8.971 | 587.9E6 | 162.1E6  | 46.270  | 48.282 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.751 | 4.324 | 966.8E6 | 228.7E6  | 51.460  | 51.095 |
| 3)                          | MA gamma-BHC... | 4.027 | 4.607 | 897.5E6 | 212.4E6  | 50.618  | 51.203 |
| 4)                          | MA Heptachlor   | 4.311 | 5.110 | 926.4E6 | 216.4E6  | 50.965  | 50.004 |
| 5)                          | MB Aldrin       | 4.550 | 5.412 | 881.6E6 | 198.6E6  | 51.055  | 50.705 |
| 6)                          | B beta-BHC      | 4.281 | 4.783 | 368.8E6 | 95290783 | 50.418  | 49.194 |
| 7)                          | B delta-BHC     | 4.475 | 4.996 | 917.9E6 | 201.1E6  | 51.327  | 51.063 |
| 8)                          | B Heptachlor... | 4.987 | 5.799 | 813.0E6 | 189.0E6  | 50.503  | 51.997 |
| 9)                          | A Endosulfan I  | 5.317 | 6.154 | 772.7E6 | 168.3E6  | 49.941  | 49.531 |
| 10)                         | B gamma-Chl...  | 5.209 | 6.033 | 863.9E6 | 185.8E6  | 50.554  | 49.854 |
| 11)                         | B alpha-Chl...  | 5.265 | 6.105 | 833.2E6 | 182.9E6  | 50.195  | 49.457 |
| 12)                         | B 4,4'-DDE      | 5.432 | 6.266 | 865.0E6 | 173.6E6  | 51.924  | 50.031 |
| 13)                         | MA Dieldrin     | 5.556 | 6.411 | 839.2E6 | 176.2E6  | 50.378  | 49.655 |
| 14)                         | MA Endrin       | 5.809 | 6.628 | 790.7E6 | 157.3E6  | 49.374  | 49.829 |
| 15)                         | B Endosulfa...  | 6.084 | 6.840 | 717.8E6 | 156.0E6  | 49.259  | 48.426 |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.755 | 651.8E6 | 130.8E6  | 51.635  | 50.032 |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.052 | 664.8E6 | 142.8E6  | 50.077  | 48.758 |
| 18)                         | B Endrin al...  | 6.251 | 6.964 | 577.3E6 | 132.8E6  | 48.872  | 48.351 |
| 19)                         | B Endosulfa...  | 6.462 | 7.187 | 635.6E6 | 146.8E6  | 49.021  | 48.781 |
| 20)                         | A Methoxychlor  | 6.723 | 7.513 | 315.7E6 | 80235593 | 48.433  | 48.138 |
| 21)                         | B Endrin ke...  | 6.943 | 7.655 | 695.1E6 | 156.5E6  | 49.453m | 50.217 |
| 22)                         | Mirex           | 7.118 | 8.104 | 480.5E6 | 120.4E6  | 46.488  | 47.599 |
| -----                       |                 |       |       |         |          |         |        |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062119\  
Data File : PL049770.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jun 2019 19:39  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

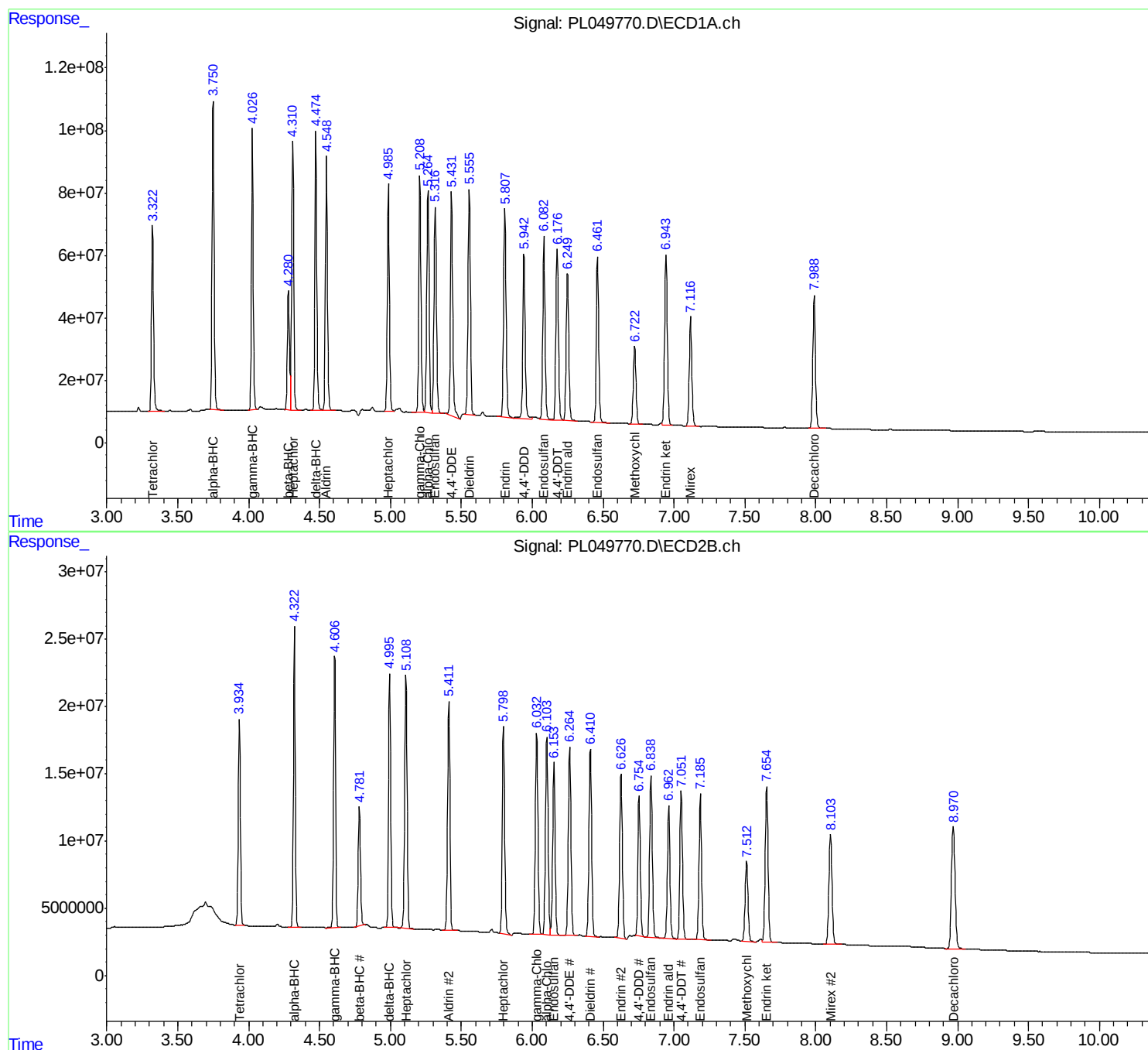
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

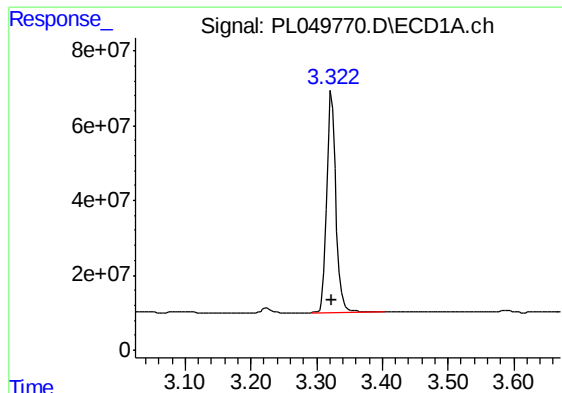
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 23:15:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





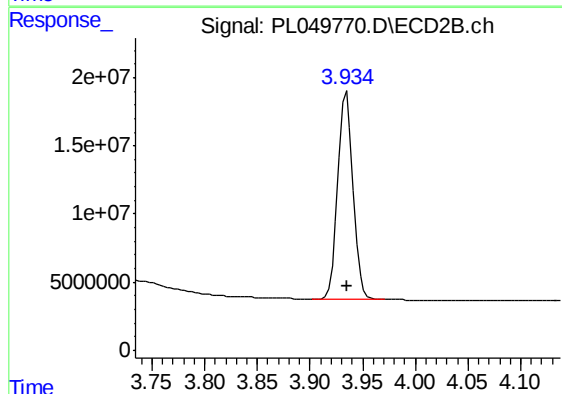
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 574606528  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

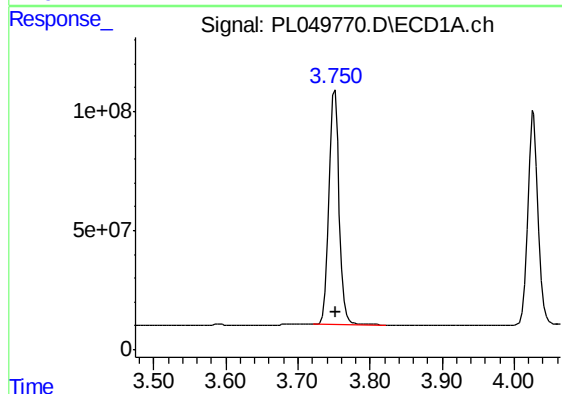
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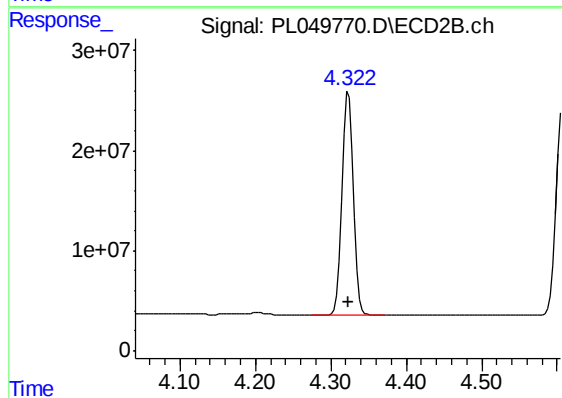
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 153223181  
Conc: 50.04 ng/ml



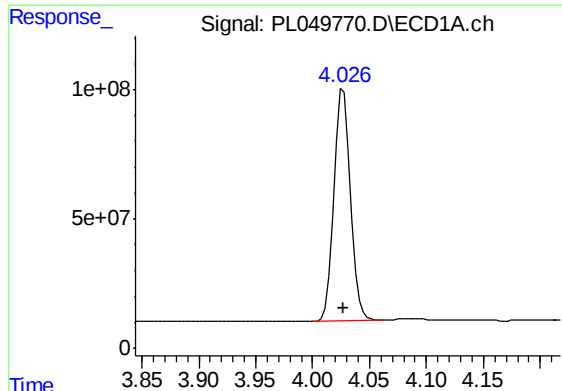
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 966800159  
Conc: 51.46 ng/ml



#2 alpha-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 228732681  
Conc: 51.10 ng/ml



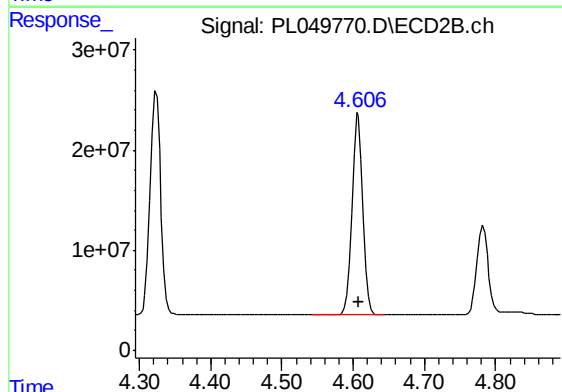
#3 gamma-BHC (Lindane)

R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 897484281  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

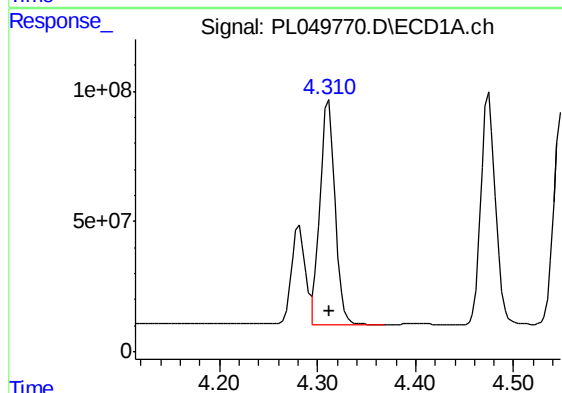
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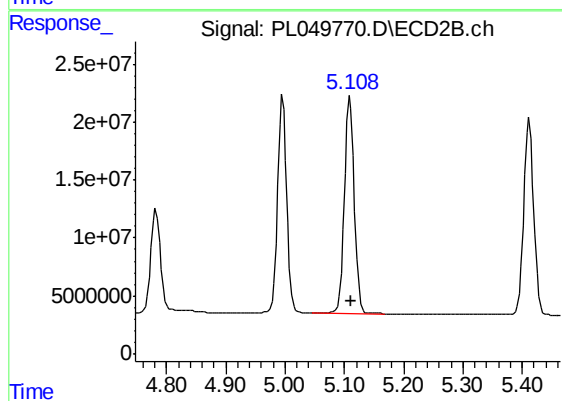
#3 gamma-BHC (Lindane)

R.T.: 4.607 min  
Delta R.T.: 0.000 min  
Response: 212380694  
Conc: 51.20 ng/ml



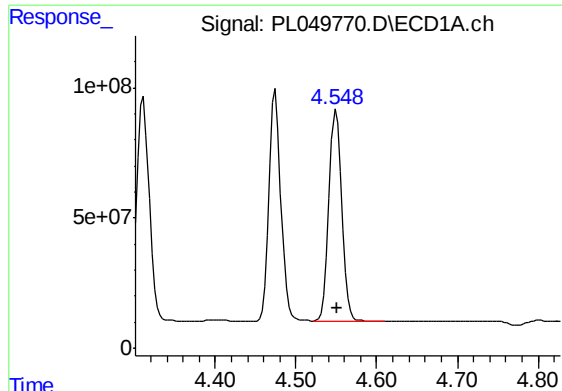
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: 0.000 min  
Response: 926396092  
Conc: 50.96 ng/ml



#4 Heptachlor

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 216439345  
Conc: 50.00 ng/ml



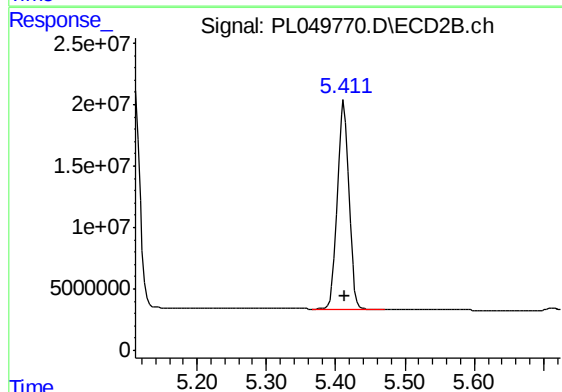
#5 Aldrin

R.T.: 4.550 min  
Delta R.T.: -0.001 min  
Response: 881614231  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

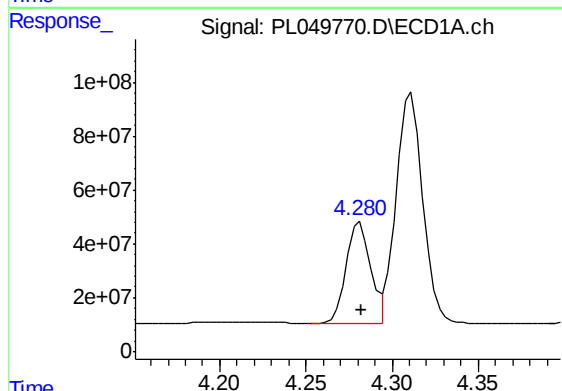
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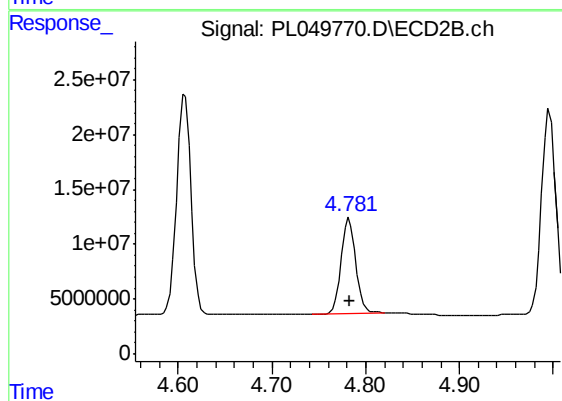
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 198616498  
Conc: 50.71 ng/ml



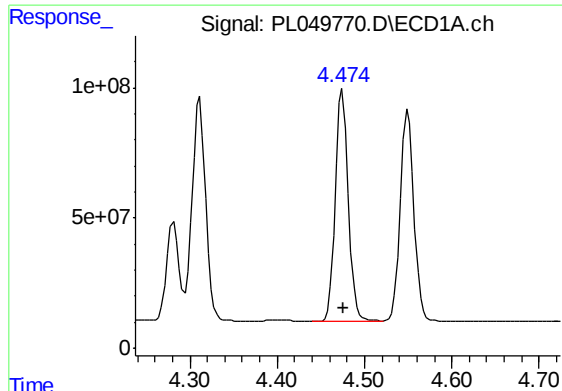
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 368796569  
Conc: 50.42 ng/ml



#6 beta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 95290783  
Conc: 49.19 ng/ml



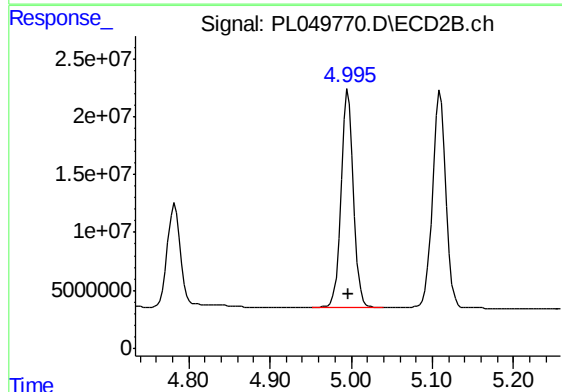
#7 delta-BHC

R.T.: 4.475 min  
Delta R.T.: -0.001 min  
Response: 917929586  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

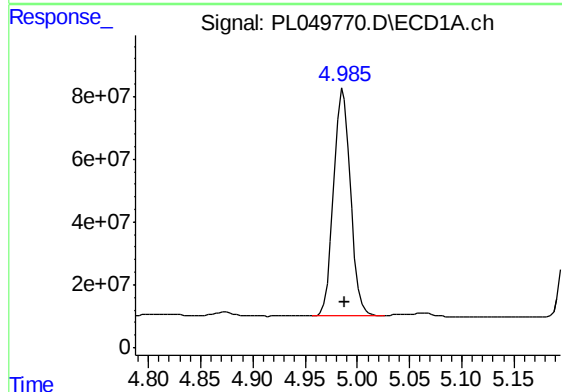
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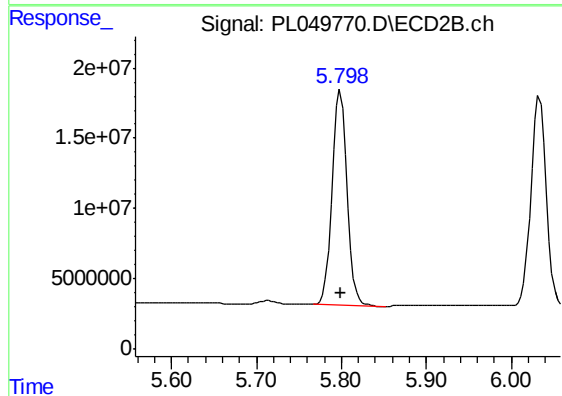
#7 delta-BHC

R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 201129703  
Conc: 51.06 ng/ml



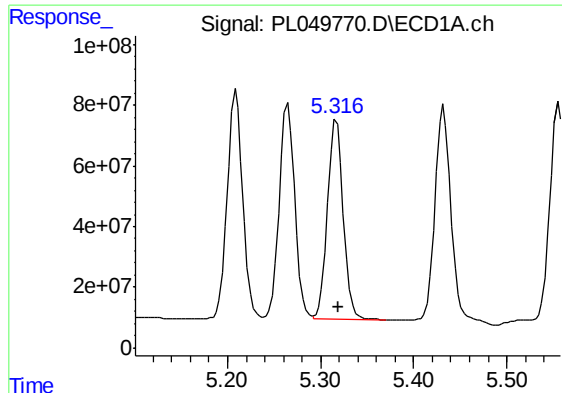
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 812951382  
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min  
Delta R.T.: -0.001 min  
Response: 189048923  
Conc: 52.00 ng/ml



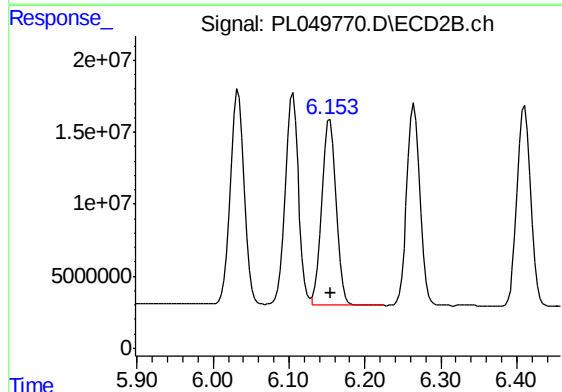
#9 Endosulfan I

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 772713511  
Conc: 49.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

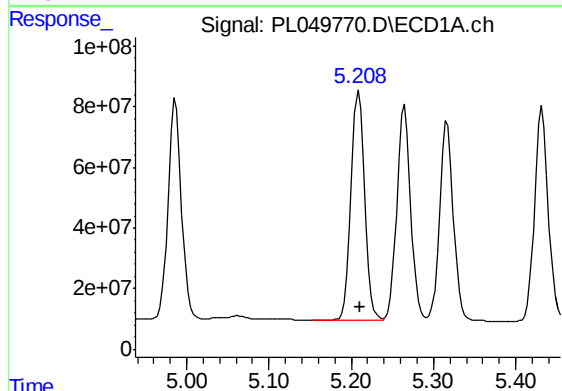
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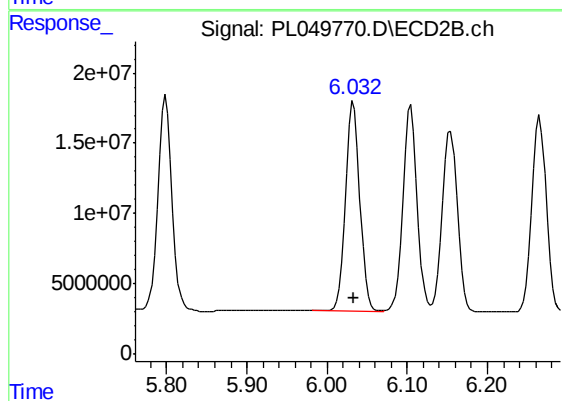
#9 Endosulfan I

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 168274057  
Conc: 49.53 ng/ml



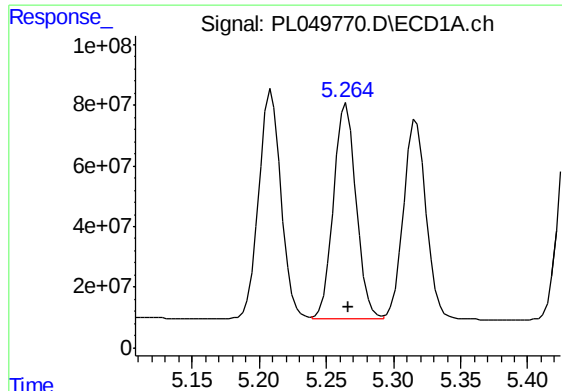
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 863909720  
Conc: 50.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 185777012  
Conc: 49.85 ng/ml



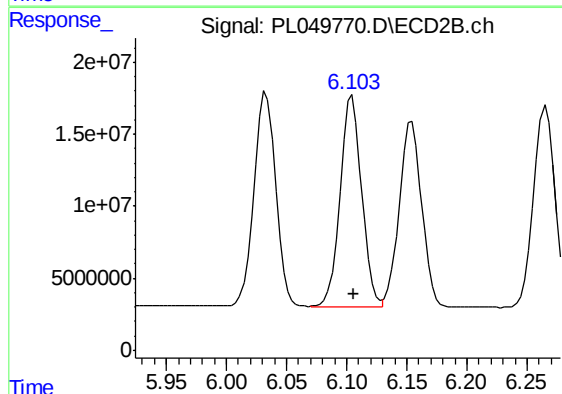
#11 alpha-Chlordane

R.T.: 5.265 min  
Delta R.T.: -0.001 min  
Response: 833181132  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

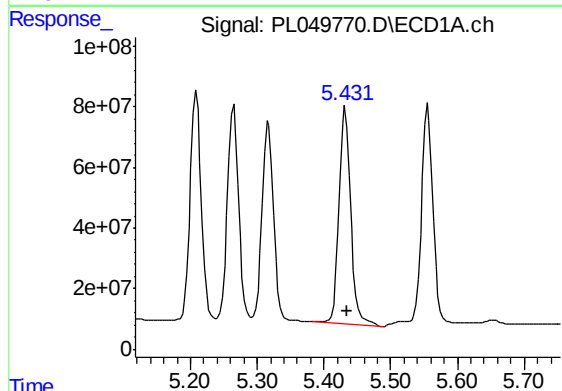
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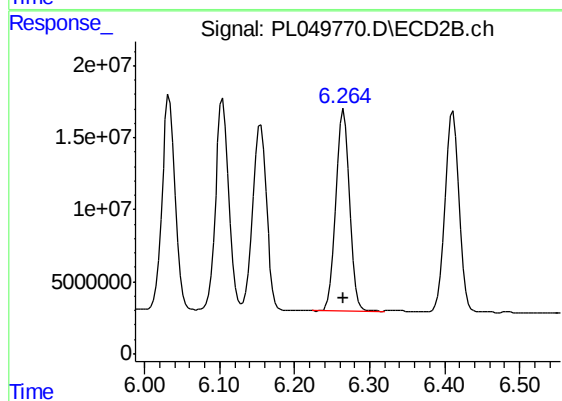
#11 alpha-Chlordane

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 182911864  
Conc: 49.46 ng/ml



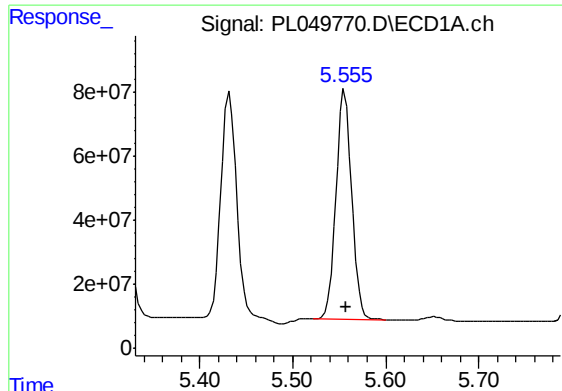
#12 4,4'-DDE

R.T.: 5.432 min  
Delta R.T.: -0.002 min  
Response: 864996949  
Conc: 51.92 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 173613059  
Conc: 50.03 ng/ml



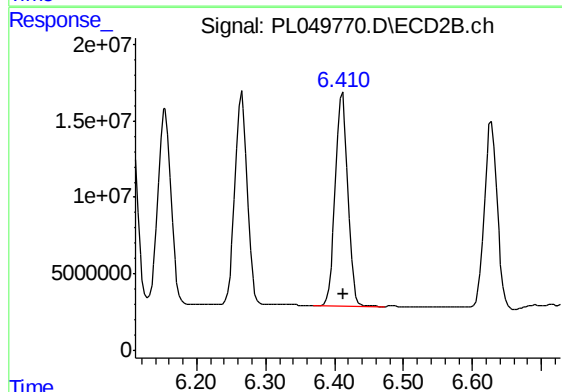
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.002 min  
Response: 839185729  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

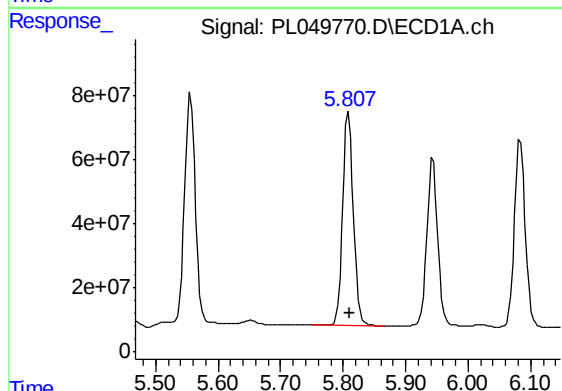
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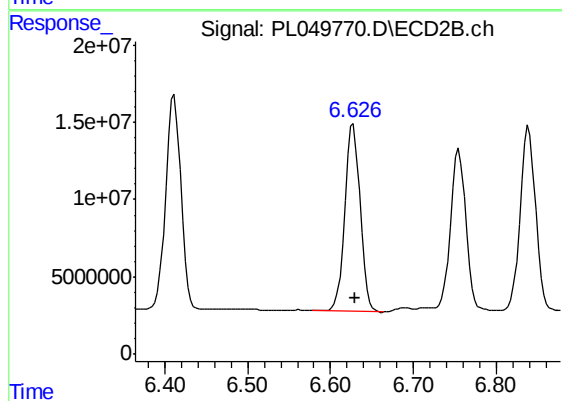
#13 Dieldrin

R.T.: 6.411 min  
Delta R.T.: 0.000 min  
Response: 176152480  
Conc: 49.65 ng/ml



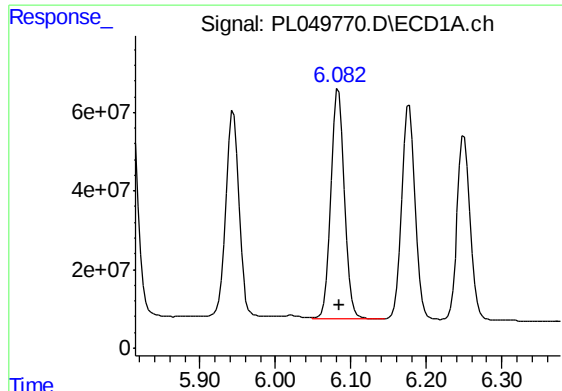
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 790706837  
Conc: 49.37 ng/ml



#14 Endrin

R.T.: 6.628 min  
Delta R.T.: -0.002 min  
Response: 157321407  
Conc: 49.83 ng/ml



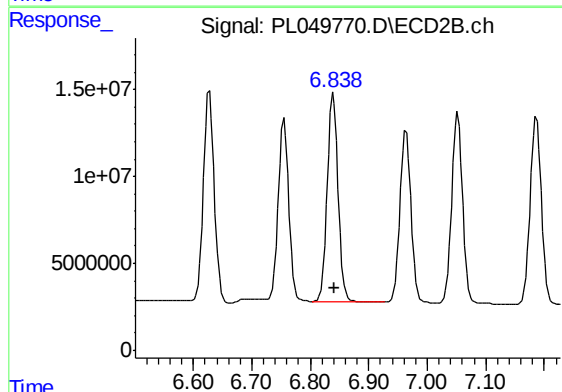
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: -0.001 min  
Response: 717771087  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

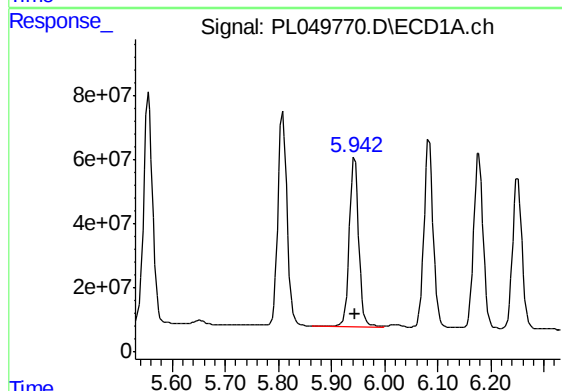
Manual Integrations  
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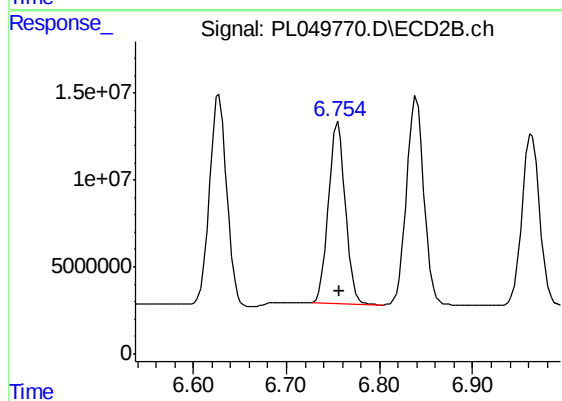
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: -0.002 min  
Response: 155974089  
Conc: 48.43 ng/ml



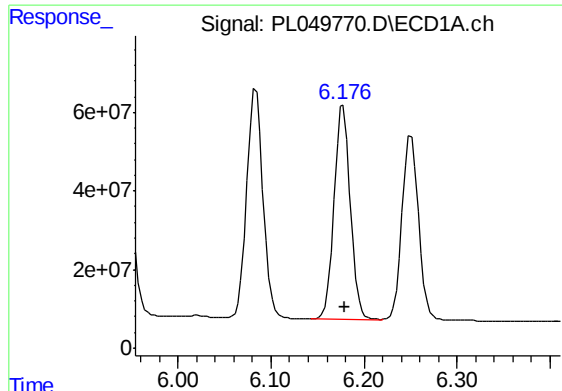
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: -0.001 min  
Response: 651842468  
Conc: 51.64 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 130795997  
Conc: 50.03 ng/ml



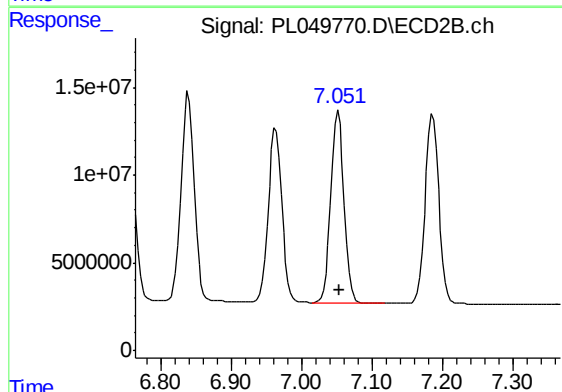
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 664810008  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

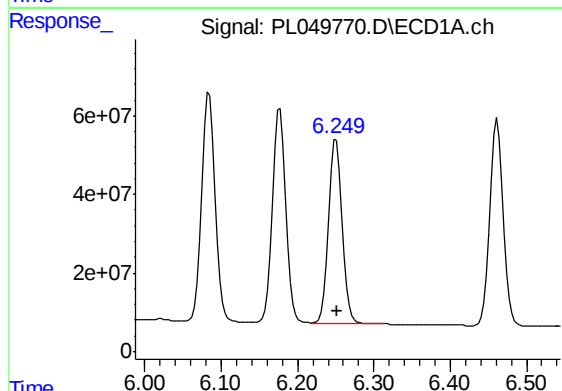
Manual Integrations  
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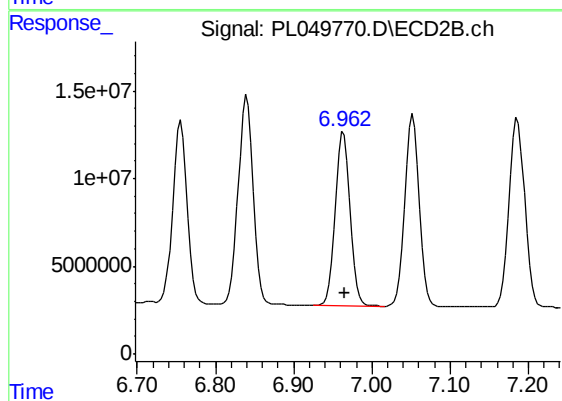
#17 4,4'-DDT

R.T.: 7.052 min  
Delta R.T.: -0.001 min  
Response: 142800820  
Conc: 48.76 ng/ml



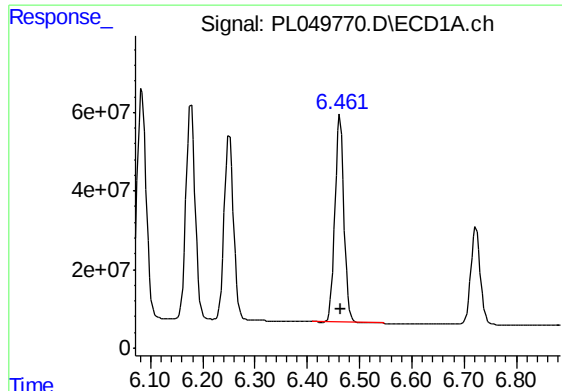
#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 577262228  
Conc: 48.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 132789826  
Conc: 48.35 ng/ml



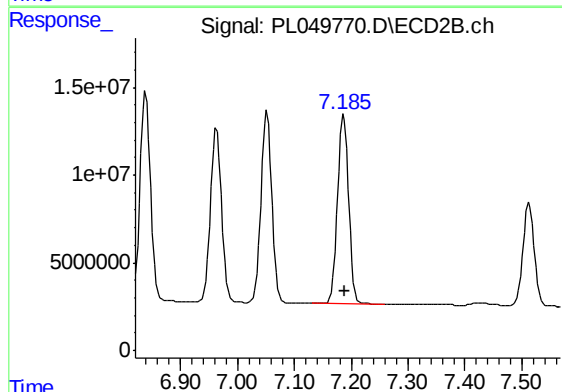
#19 Endosulfan Sulfate

R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 635588138  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

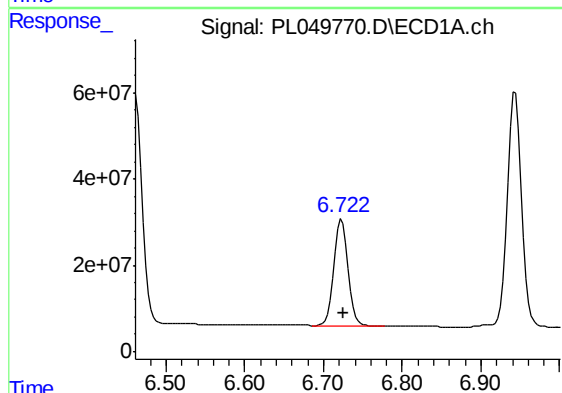
Manual Integrations  
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6/24/2019 9:21:44 AM



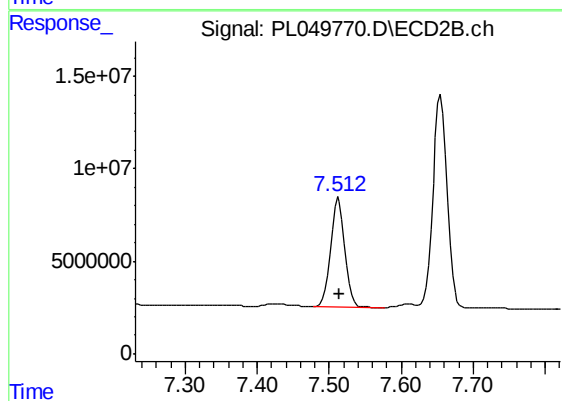
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: -0.001 min  
Response: 146810537  
Conc: 48.78 ng/ml



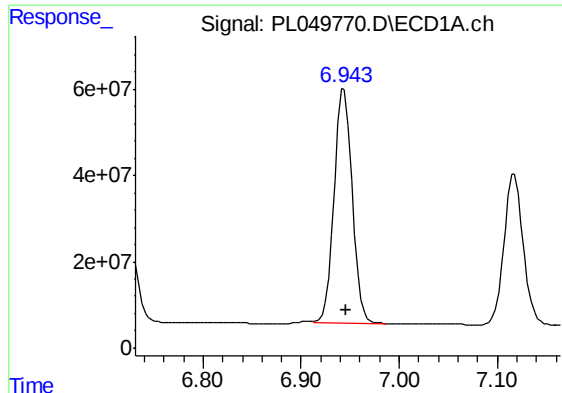
#20 Methoxychlor

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 315695498  
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.002 min  
Response: 80235593  
Conc: 48.14 ng/ml



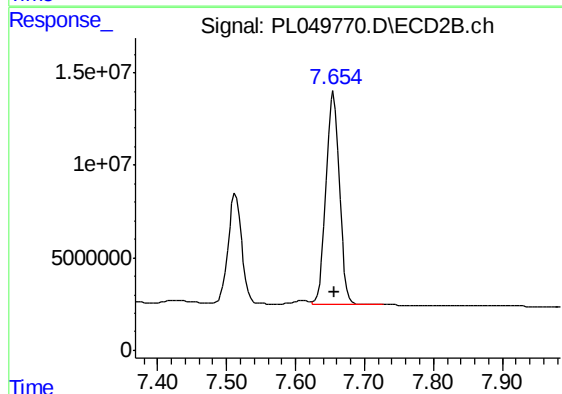
#21 Endrin ketone

R.T.: 6.943 min  
Delta R.T.: -0.004 min  
Response: 695075723  
Conc: 49.45 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

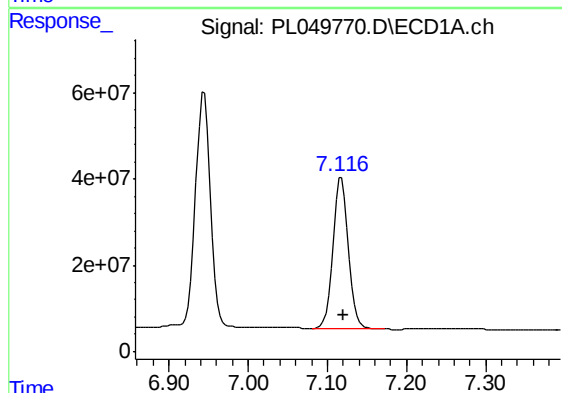
Manual Integrations  
APPROVED

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6/24/2019 9:21:44 AM



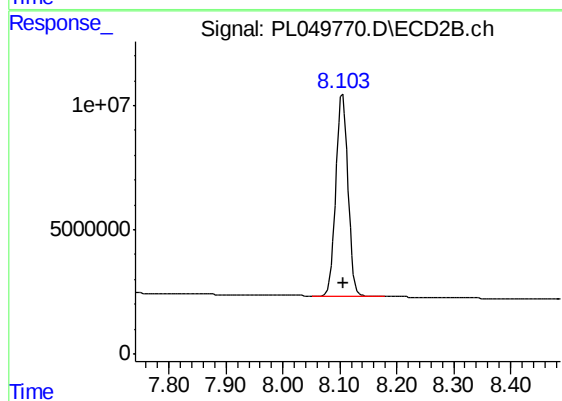
#21 Endrin ketone

R.T.: 7.655 min  
Delta R.T.: -0.002 min  
Response: 156486805  
Conc: 50.22 ng/ml



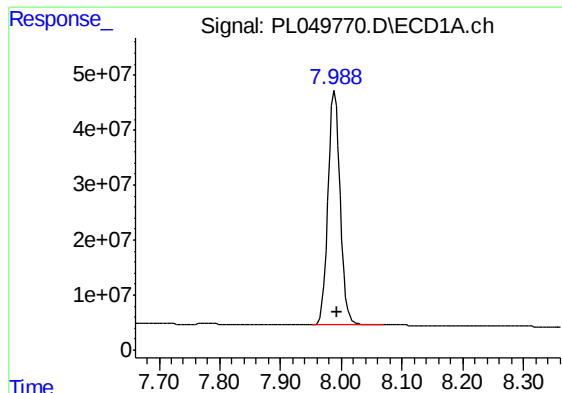
#22 Mirex

R.T.: 7.118 min  
Delta R.T.: -0.003 min  
Response: 480543848  
Conc: 46.49 ng/ml



#22 Mirex

R.T.: 8.104 min  
Delta R.T.: -0.002 min  
Response: 120362141  
Conc: 47.60 ng/ml



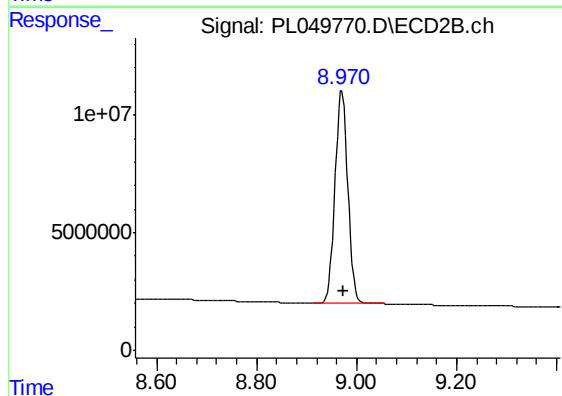
#28 Decachlorobiphenyl

R.T.: 7.989 min  
Delta R.T.: -0.003 min  
Response: 587927125  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.971 min  
Delta R.T.: -0.002 min  
Response: 162085804  
Conc: 48.28 ng/ml